



# CONNECTICUT YANKEE ATOMIC POWER COMPANY

## HADDAM NECK PLANT

362 INJUN HOLLOW ROAD • EAST HAMPTON, CT 06424-3099

OCT 20 2004

Docket No. 50-213  
CY-04-156

Re: 10CFR73.5

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

### Haddam Neck Plant Revision 4 to Defueled Physical Security Plan

The purpose of this letter is to submit changes to the Haddam Neck Plant (HNP) Defueled Physical Security Plan referenced in License Condition 2.C(5). The changes have been evaluated in accordance with 10 CFR 50.54(p)(2) and were determined not to reduce the safeguards effectiveness of the plan.

The revised plan, the specific changes, and the 10 CFR 50.54 evaluations for the changes are detailed in the attachment.

As part of the ongoing decommissioning activities, the HNP is currently engaged in a campaign to transfer spent nuclear fuel from the spent fuel building to the on-site Independent Spent Fuel Storage Installation (ISFSI). It is anticipated that the last of the spent fuel will be removed from the Spent Fuel Pool in early 2005.

This cover letter when separated from the attachment is not Safeguards Information.

The attachment to this cover letter contains Safeguards Information of a type specified in 10CFR73.21 and should be withheld from public disclosure. In accordance with 10CFR2.790, a copy of this cover letter, less attachment, may be placed in the NRC Public Document Room.

Enclosures to this cover letter contain Safeguards Information.  
Upon removal of enclosures, this cover letter is decontrolled.

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If the NRC Staff should have any questions regarding this submittal, please contact Mr. G. P. van Noordennen at (860) 267-3938.

Sincerely,

Gary H. Bouchard 10-20-04  
 Gary H. Bouchard Date  
 Director, Nuclear Safety and Regulatory Affairs

## Attachment

cc: w/o attachment: T. B. Smith, NRC Project Manager  
S. J. Collins, NRC Region I Administrator  
R. R. Bellamy, NRC Branch Chief, Decommissioning and  
Laboratory Branch  
E. Wilds, Jr., Director, Radiation & Monitoring Division  
(CTDEP)